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02/08/02  
15921 U.S. PTO

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 16139/09021  
First Inventor Victor Giurgiutiu  
Title In-Situ Structural Health Monitoring...  
Express Mail Label No. EL 930580475US

15921 U.S. PTO  
10/072644

02/08/02

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☐ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 41]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 7]
5. Oath or Declaration [Total Pages ]
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

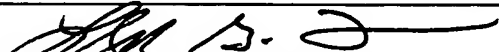
Prior application information: Examiner: \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label  (Insert Customer No. or Attach barcode label here) or ☐ Correspondence address below

Name	Lloyd G. Farr				
Address	Nelson Mullins Riley & Scarborough, LLP				
	P.O. Box 11070				
City	Columbia	State	SC	Zip Code	29211
Country	US	Telephone	(404) 817-6165	Fax	(404) 817-6031

Name (Print/Type)	Lloyd G. Farr	Registration No. (Attorney/Agent)	38,446
Signature		Date	2-8-02

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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LLOYD G. FARR  
REGISTERED PATENT ATTORNEY  
(404) 817-6165  
INTERNET ADDRESS: LGF@NMRS.COM

999 PEACHTREE STREET, N.E.  
FIRST UNION PLAZA  
SUITE 1400  
ATLANTA, GEORGIA 30309  
TELEPHONE (404) 817-6000  
FACSIMILE (404) 817-6050  
WWW.NMRS.COM

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February 8, 2002

Box - New Patent Application  
U.S. Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

RE: U.S. Patent Application of Victor Giurgiutiu  
Entitled: "In-Situ Structural Health Monitoring, Diagnostics and  
Prognostics System Utilizing Thin Piezoelectric Sensors"  
Our Ref: 16139/09021

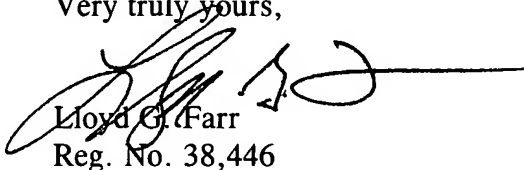
Dear Sir:

The following are being transmitted herewith:

1. Transmittal letter with Express Mailing Certificate (original plus 1 copy (2 sheets))
2. Utility Patent Application cover sheet (1 sheet)
3. Drawings (7 sheets)
4. Patent Application (41 sheets)
5. Return Postcard

Please charge any deficiency or credit any overpayment required by this action to our deposit account no. 50-1196, for which purpose an extra copy of this transmittal letter is attached.

Very truly yours,

  
Lloyd G. Farr  
Reg. No. 38,446

I hereby certify that this paper and any referenced attachment and/or fee are being deposited with the U.S. Postal Service as Express Mail in an envelope addressed to: Box New Patent Application, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202.

Date of Deposit February 8, 2002

Lloyd G. Farr

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Signature

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